

Stacks
QC
983
A27

UNITED STATES
DEPARTMENT OF COMMERCE

U. S. WEATHER BUREAU

MONTHLY WEATHER REVIEW

VOLUME 75

1947



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1948

NOTICE

The Weather Bureau desires that the MONTHLY WEATHER REVIEW shall be a medium of contributions within the field, but such publication is not to be construed as official approval of the views expressed.

TABLE OF CONTENTS

The following synoptic table shows the first page of each of the principal sections in the respective numbers of the MONTHLY WEATHER REVIEW for 1947.

REGULAR MONTHLY SECTIONS, 1947

[Page number]

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Aerological Observations.....	1	19	35	59	77	99	121	153	173	193	221	257
River Stages and Floods.....	6	24	39	63	82	103	126	158	178	198	226	265
Climatological Data.....	9	25	41	66	84	104	129	159	179	199	227	267
Solar Radiation Observations.....	14	30	47	72	92	115	138	166	187	205	233	273
Positions, Areas, and Counts of Sunspots.....	15	32	49	74	94	117	140	168	189	207	235	275
Provisional Relative Sunspot Numbers.....	18	34	51	76	97	120	143	171	192	210	237	277

Charts I-VI, and VIII-XI in each issue of the REVIEW, January to December, inclusive; Chart VII in each issue, January-March and November-December, inclusive:

Chart I. Departure of the Mean Temperature from the Normal, and Wind Roses for Selected Stations.

Chart II. Tracks of Centers of Anticyclones. Departure of Monthly Mean Pressure from Normal.

Chart III. Tracks of Centers of Cyclones. Change in Mean Pressure from Preceding Month.

Chart IV. Percentage of Clear Sky Between Sunrise and Sunset.

Chart V. Total Precipitation, Inches. Departure of Precipitation from Normal.

Chart VI. Isobars at Sea Level and Isotherms at Surface; Prevailing Winds.

Chart VII. Total Snowfall for Month. Depth of Snow on Ground at End of Month.

Chart VIII. Contour Lines of Dynamic Height and Isotherms in Degrees Centigrade for 850-millibar Pressure Surface, and Resultant Winds at 1,500 Meters.

Chart IX. Contour Lines of Dynamic Height and Isotherms in Degrees Centigrade for 700-millibar Pressure Surface, and Resultant Winds at 3,000 Meters.

Chart X. Contour Lines of Dynamic Height and Isotherms in Degrees Centigrade for 500-millibar Pressure Surface, and Resultant Winds at 5,000 meters.

Chart XI. Contour Lines of Dynamic Height and Isotherms in Degrees Centigrade for 300-millibar Pressure Surface, and Resultant Winds at 10,000 Meters.

Special Charts:

Tracks of North Atlantic Hurricanes and Tropical Disturbances of 1947. December issue.

Annual Temperature Departures (°F.) in the United States, 1947. December issue.

Percentage of Normal Precipitation in the United States, 1947. December issue.

SUBJECT AND AUTHOR INDEX

3

CORRECTIONS

MARCH 1947

Vol. 75, p. 51: In table of "Provisional Relative Sunspot Numbers" for March 1947, the number opposite the date of March 5, should be "175," instead of the number "165," as printed.

JUNE 1947

Vol. 75, No. 6, p. 107: In table of "Climatological Data for June 1947," under heading "Middle Pacific Coast," the temperature departure from normal for Red Bluff, Calif., should read " $-.4^{\circ}$ F.," instead of " $.4^{\circ}$ F."

NOVEMBER 1947

Vol. 75, No. 11, p. 212: The figures appearing at the top of the page are reversed, as the legend for Figure 1 (a) refers to the figure which appears above the legend for Figure 1 (b); and correspondingly, the figure referred to in legend 1 (b) appears above legend 1 (a).

p. 214: Line 7 should read "is referred to as" instead of "is referred to a"

SUBJECT AND AUTHOR INDEX OF THE MONTHLY WEATHER REVIEW, 1947, VOL. 75

- Characteristics of the general circulation over the Northern Hemisphere during the abnormal winter 1946-47. (11 figs.) Jerome Namias. 145-152.
- Forecasting:
An objective method of forecasting precipitation 24-48 hours in advance at San Francisco, California. (8 figs.) Edward M. Vernon. 211-219.
- Hurricanes:
Florida hurricane of October 1946, A note on the movement and structure of the. (4 figs.) R. H. Simpson. 53-58.
North Atlantic hurricanes and tropical disturbances of 1947. (1 chart.) H. C. Sumner. 251-255.
- NAMIAS, JEROME:
Characteristics of the general circulation over the Northern Hemisphere during the abnormal winter 1946-47. (11 figs.) 145-152.
- North Atlantic hurricanes and tropical disturbances of 1947. (1 chart.) H. C. Sumner. 251-255.
- Note on the movement and structure of the Florida hurricane of October 1946. (4 figs.) R. H. Simpson. 53-58.
- Objective method of forecasting precipitation 24-48 hours in advance at San Francisco, California. (8 figs.) Edward M. Vernon. 211-219.
- SEAMON, L. H.:
The weather of 1947 in the United States. (2 figs. and 2 charts.) 239-245.
- SIMPSON, R. H.:
A note on the movement and structure of the Florida hurricane of October 1946. (4 figs.) 53-58.
- SUMNER, H. C.:
North Atlantic hurricanes and tropical disturbances of 1947. (1 chart.) 251-255.
- Tornadoes:
Preliminary report on tornadoes in the United States during 1947. L. V. Wolford. 247-249.
- United States:
The weather of 1947 in the United States. (2 figs. and 2 charts.) L. H. Seamon. 239-245.
- VERNON, EDWARD M.:
An objective method of forecasting precipitation 24-48 hours in advance at San Francisco, California. (8 figs.) 211-219.
- Weather of 1947 in the United States. (2 figs. and 2 charts.) L. H. Seamon. 239-245.
- WOLFORD, L. V.:
Preliminary report on tornadoes in the United States during 1947. 247-249.

